



# FY2011 (7/1/10 – 6/30/11) Annual Work Plan Columbia Conservation District

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## Mission of the Columbia Conservation District

*Provide the needed support to people who own, manage, or utilized the natural resources so their activities will enhance the region's natural resources while ensuring the quality of life & culture these resources provide.*

## Natural Resource Priorities:

1. Leadership to New Generation Conservation (education, outreach, research, visionary, on-ground conservation implementation & demonstration)
2. Soil quality & conservation (research, organic matter, microbial, health, infiltration, erosion control)
3. Renewable Energy & Biomass Alternatives (biodiesel, ethanol, solar, wind, straw & forest products)
4. Water Quality & Quantity (confined animals, TMDLs, practices application, WRIA implementation, residue management, in-stream, fisheries habitat, etc)
5. Air Quality (reduced emissions, PM 2.5 levels, dust)
6. Forest, Range, and Fire Management (invasive species, noxious weeds, fuel reduction, CWPP, CRM)
7. Wildlife Impacts on Production Agriculture (crop damage, livestock predation, water availability, ESA recovery impacts)
8. District Operations & Cost Share (in all the above)

**Program Area:** Leadership to New Generation Conservation (education, outreach, research, visionary, on-ground conservation implementation & demonstration)

**Goal(s):** By February 2015 have a reduction in the numbers of people not practicing conservation on the ground (plans & implementation) in the county and an increase in numbers of people actively working with the conservation district.

**Funding Source(s):** WSCC, District

Activities for FY2011	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding	Notes
Erosion Tour	7/1/10 – 6/30/11	Staff & WSU Extension	3	1,000	With Soil Scientists
Annual Grower Education Day	Jan 2011	Staff & WSU Extension	5	1,500	With Soil Scientists
Increase K-5 <sup>th</sup> grader knowledge of conservation practices	April 2011	Staff	2	600	
Conduct Neighborhood meetings targeting cooperators	Nov 2010 – February 2011	Staff, USDA FSA, USDA NRCS, WSU Extension	20	4,000	
Participate in WCC State Livestock Influenced Water Quality Task Force	7/1/10 – 6/30/11	Staff	4	1,200	
Trainings and meetings: natural resource enhancement & district operations	10/1/2010 – 11/30/2010	Supervisors & Staff	8	2,400	

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## 7/1/10 – 6/30/11) Annual Work Plan Columbia Conservation District



**Program Area:** Soil Quality & Conservation (research, organic matter, microbial, health, infiltration, erosion control)

**Goal(s):** By February 2015 have a demonstrated increase in acres in conservation systems, a reduction in visible erosion (annual & timing of field review) and increase in acres with improved soil quality (organic matter, infiltration, biological activity, nutrient balance, ph)

**Funding Source(s):** WSCC, RCO-SRFB, District & Spokane State Revolving Fund Loan Program

Activities for FY2011	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding	Notes
Field documentation of various farming system impacts on erosion	2/1/2011 - 3/31/11	Staff & WSU Extension	4	2,000	
Assist producers in securing equipment for conservation farming – utilizing our MOU with Spokane and the loan program	7/1/2010 - 6/31/2011	Staff	3	1,000	
Assist producers transitioning from CRP to direct seed production systems	7/1/2010 – 6/30/2011	Staff, USDA, & WSU Extension	10	32,000	

**Program Area:** Renewable Energy & Biomass Alternatives (biodiesel, ethanol, solar, wind, straw & forest products)

**Goal(s):** By February 2015 have completed a feasibility study completed (by 2011), have identified research needed and completed projects and built a partnership for renewable energy & biomass alternatives.

**Funding Source(s):** District

Activities for FY2011	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding	Notes
Complete feasibility study with U of W to determine economic viability of a straw to paper processing industry	Feb. 2011	Supervisor & Staff	10	7,000	

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## 7/1/10 – 6/30/11) Annual Work Plan Columbia Conservation District



*Irrigation Mainline*

**Program Area:** Water Quality & Quantity (confined animals, TMDLs, practices application, WRIA, residue management, etc)

**Goal(s):** By February 2015 have a demonstrated reduction in Ecology referrals, an increase in number of practices implemented, an increase in number of land managers served, and improvements in water quality & flow.

**Funding Source(s):** WSCC, WDOE, BPA & USDA

Activities for FY2011	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding	Notes
Install 4 Livestock Management Plans	7/1/2010 – 6/30/2011	Staff	60	200,000	
Subcontract with USDA USFS to operate ISCO sediment samplers to monitor sediment transport in the Tucannon and Touchet rivers	7/1/2010 – 6/30/2011	Staff	3	20,000	
Work with the Columbia County Weed Board to reduce Indigo Bush along the Tucannon River	7/1/2010 – 6/30/2011	Staff	5	15,000	
Cost share upland water quality improvement BMP's	7/1/2010 – 6/30/2011	Staff	10	10,000	
Watershed Planning and TMDL's	7/1/2010 – 6/30/2011	Staff	36	10,800	

**Program Area:** Air Quality (reduced emissions, PM 2.5 levels, dust)

**Goal(s):** By February 2015 effect a demonstrated increase in the number of practices implemented, the number of land managers served, and a reduction in acres burned.

**Funding Source(s):** WSCC, District, Local

Activities for FY2011	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding	Notes
Cost share no-burn direct seed management systems	7/1/2010 – 6/30/2011	Staff	20	38,000	
Administer the Columbia County Agriculture Burn Program for the Columbia County Commission and WDOE	7/1/2010 – 6/30/2011	Staff	120	35,000	

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## 7/1/10 – 6/30/11) Annual Work Plan Columbia Conservation District



*A Fire Wise Interface*

**Program Area: Forest, Range, and Fire Management** (invasive species, noxious weeds, fuel reduction, CWPP, CRM)

**Goal(s):** By February 2015 have a demonstrated increase in number of practices implemented, the number of land managers served.

**Funding Source(s):** District

Activities for FY2011	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding	Notes
<i>Review CWPP and develop plan of work and partnerships to help urban interface landowners reduce fuels</i>	7/1/2010 – 6/30/2011	Staff	6	1,800	

**Program Area: Wildlife Impacts on Production Agriculture** (crop damage, livestock predation, water availability, ESA recovery impacts)

**Goal(s):** February 2015 have a decrease in dollars lost from wildlife impacts, have an increase in CREP acreage signup, and a reduce production lost to agriculture.

**Funding Source(s):** USDA, WSCC, BPA & RCO-SRFB

Activities for FY2011	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding	Notes
<i>Initiate dialog with WDFW &amp; USFWS on wildlife control and damage on production Ag ground</i>	7/1/2010 – 6/30/2011	Staff	10	5,000	
<i>Install 1 instream ESA Habitat project</i>	7/1/2010 – 10/31/2010	Staff	50	82,000	
<i>Provide technical and financial assistance to maintain 91 CREP contracts</i>	7/1/2010 – 6/30/2011	Staff	15	30,000	
<i>Install 2 new CREP contracts</i>	7/1/2010 – 6/30/2011	Staff, USDA	20	50,000	
<i>CREP extension on the Tucannon</i>	7/1/2010 – 6/30/2011	Staff, BPA	10	270,000	
<i>Design and Engineer Tucannon Off-set dike project</i>	7/1/2010 – 6/30/2011	Staff, BPA, RCO-SRFB	60	100,000	
<i>Design and Engineer Tucannon Ranch Instream project</i>	7/1/2010 – 6/30/2011	Staff, BPA, RCO-SRFB	60	100,000	

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## 7/1/10 – 6/30/11) Annual Work Plan Columbia Conservation District



Stream Assessment

### Program Area: District Operations & Cost Share

**Goal(s):** By February 2015 have an increase in funding for on ground conservation work, the number of people served, the number of conservation practices implemented and goals accomplished.

**Funding Source(s):** WSCC, WDOE, BPA, RCO-SRFB

Activities for FY2011	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding	Notes
Track producer contact by type of assistance	7/1/2010 – 6/30/2011	Staff	10	5,000	
Assist cooperators in preparing applications for grant funding for desired resource benefiting projects	7/1/2010 – 6/30/2011	Staff	15	7,500	
Develop required assessments and permits for future instream projects	7/1/2010 – 6/30/2011	Staff	10	5,000	
Manage natural resource enhancement grants	7/1/2010 – 6/30/2011	Staff	50	20,000	

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## FY 2011 Annual Budget Columbia Conservation District

Employee Expenses		
Salaries	\$145,000.00	
Benefits	\$ 24,000.00	\$169,000.00
Travel	\$ 8,000.00	\$ 8,000.00
District Operations		
Communications	\$ 4,000.00	
Equipment Maintenance	\$ 3,000.00	
Computer Support	\$ 2,300.00	
Supplies	\$ 6,000.00	
Trees	\$15,000.00	
Professional Services	\$12,000.00	
Advertising	\$ 1,000.00	
Insurance	\$ 3,000.00	
Dues	\$ 2,400.00	
Rent	\$ 1,000.00	
Training	\$ 3,000.00	\$ 52,700.00
Educational Activities		
Supplies & Materials	\$ 700.00	
Transportation	\$ 300.00	
Professional Services	\$ 1,200.00	\$ 2,200.00
		\$231,900.00
Project Implementation by funding source (cost share & professional services to carry out implementation)		
BPA	\$330,000.00	
SRFB	\$279,100.00	
WDOE	\$186,800.00	
WCC	\$ 30,000.00	\$7825,900.00
<b>Total</b>		<b>\$1,057,800.00</b>

\* We operate on a fiscal year of January 1<sup>st</sup> through December 31<sup>st</sup>.

\*\* Budget doesn't include awards for grants being submitted this year.



*Natural Resource & Environment  
Award – Steve and Michelle  
Shoun – Alternative/Innovative  
Uses of Wheat Residue*

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